

Morbidity and Mortality

Weekly
Report



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HEALTH, EDUCATION, AND WELFARE

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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended September 19, 1953

The number of cases of poliomyelitis reported for the week ended September 19 is 2,158 which is an increase of 2 percent over that for the previous week (2,112, corrected total). The number reported for the same week last year was 4,179. Most of the increase for the current week is due to larger numbers reported in the Middle Atlantic and Pacific States.

The cumulative total for the "disease year" is 23,101 as compared with 34,247 last year and 28,103 in 1949. For the calendar year the cumulative total is 24,615 as compared with 35,440 in 1952 and 29,066 in 1949. If the number of cases reported follows the pattern of previous years, the total number of cases for the calendar year 1953 will probably be less than 40,000. This figure would be below the totals for 1952 and 1949 when 57,879 and 42,033 cases (final figures), respectively, were reported.

The number of deaths from poliomyelitis reported for the current week was 26. These were distributed as follows: New York City, 3; Ohio, 4; Illinois, 6 (1 each in 4 counties and 2 in another); Michigan, 3; Minnesota, 2; Virginia, 1; Florida, 2; Arkansas, 1; Montana, 1; and California, 3.

EPIDEMIOLOGICAL REPORTS

Anthrax in animals

According to the August report from the Department of Agriculture 29 outbreaks of anthrax in animals occurred in 8 States. As a result of these outbreaks, 50 cattle, 8 hogs, 3 horses, and 86 mink were lost. The mink were all lost in one outbreak and the infection was traced to contaminated meat. Infected soil was responsible for 19 outbreaks and the source of infection for the other outbreaks was not determined. According to information, no outbreaks occurred in 38 States, the District of Columbia, Hawaii, and Puerto Rico during August.

Correction for July—see report for the week ended August 22, 1953. The number of outbreaks reported in Illinois should be 37 instead of 184. The additional 147 previously reported as outbreaks were premises quarantined following vaccination of livestock against anthrax.

Rabies in man

Dr. L. E. Starr, Georgia Department of Public Health, reports a case of rabies in an 11-year-old boy who died September 8, 1953. About the first of August a young pup was attacked by a wild fox, and 2 or 3 weeks later the pup inflicted a mild abrasion on the boy's hand. The boy died with typical symptoms of rabies but an autopsy could not be secured and the brain was not examined for the disease, neither was the brain of the dog or that of the fox examined. The history and symptoms of both animals were typical of rabies.

Salmonellosis

Dr. Geo. W. Cox, Health Officer, Texas Department of Health, reports an outbreak of salmonellosis following a church social where home made ice cream was served. Eleven of 14 persons who attended became ill from 18 to 48 hours later. The 3 persons who were not affected only tasted the ice cream or did not eat any. The ice cream was made from pasteurized milk, raw eggs, and canned pineapple. Salmonella montevideo was found in the ice

cream and in stool specimens of the 3 patients tested.

Shigellosis

Dr. F. T. Foard, North Carolina State Board of Health, reports an outbreak of shigellosis in an elementary school. Approximately 725 persons, including students, teachers, and cafeteria personnel, ate lunch in the school cafeteria on Friday the first regular school day of the year. The next day physicians attended patients with symptoms of fever, headache, and abdominal cramps, followed by diarrhea. From reports received it was estimated that 300 persons became ill from 24 to 72 hours after eating the lunch. The meal consisted of tuna fish salad, mayonnaise, lettuce, and celery, milk in waxed cartons, apple sauce, potato chips, rolls, and cookies. An inspection of the cafeteria and its operation appeared satisfactory. It was not possible to obtain samples of the tuna fish salad, lettuce, or celery for culture but other items of food submitted for culture, were all negative for pathogens. Three stool specimens from ill children were submitted and 2 were positive for Shigella sonnei. Three of the 7 cafeteria workers had positive stool cultures for the same organism and 2 food handlers had positive swabs. None of those with positive cultures had helped prepare the tuna fish salad. More information is desirable and further study of the outbreak is underway.

Gastro-enteritis

Dr. R. F. McAteer, Rhode Island Department of Health, reports an outbreak of gastro-enteritis in 4 different families. An investigation revealed that 10 persons became ill about 3 hours after eating cream filled pastries from a local bakery. Vomitus and stool specimens were taken from several patients and samples of the pastries were collected. Staphylococcus aureus was recovered from 5 of 6 specimens and from 5 of the food samples submitted. There was no evidence of bacterial contamination in the refrigerated stock of cream filling. Contamination, therefore, occurred in the subsequent filling and/or handling of the pastries in the bakery. Contamination was probably from a cake filler which was not cleaned thoroughly.

Dr. R. O. Saxvik, North Dakota Department of Health, reports an outbreak of gastro-enteritis among approximately 200 children and teachers in a school. Of these, about 100 became ill 4 or 5 hours after eating lunch at the school. Samples of food were collected and all except the potato salad were negative for pathogens. An examination revealed that a potato peeler had a considerable accumulation of waste in the drain slot. This prohibited potato juice from draining and it overflowed on the peeled potatoes. Laboratory examination of this waste revealed a high concentration of staphylococci and streptococci. The exact method by which the potato salad became contaminated was not determined.

Dr. S. B. Osgood, Oregon State Board of Health, reports 3 outbreaks of gastro-enteritis in different parts of the State. The first outbreak occurred in a private family where 5 of 6 persons became ill 6 to 14 hours after eating weiners and sauerkraut. Laboratory examination of the weiners cooked in sauerkraut revealed hemolytic Staphylococcus aureus and hemolytic Staphylococcus albus. However, no pathogens were found in the raw weiners. The second outbreak occurred among approximately 200 persons attending a school. Of these, 18 became ill from 2

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to 6 hours after eating their evening meal. Hemolytic and non-hemolytic *Staphylococcus aureus* were found in leftover ham. The third outbreak involved 6 of 18 persons. The illnesses occurred from 6 to 10 hours after ham and potato salad was eaten. No samples were obtained but the potato salad was suspected as the vehicle of infection because it was left unrefrigerated overnight.

Dr. Evelyn Rogers, New York State District Health Officer, reports an outbreak of gastro-enteritis among 175 children in a camp. Of these, 56 became ill from 9 to 20 hours after they had eaten fricasseed chicken for a noon meal. None of the chicken was available for laboratory examination. Stool cultures were

taken but the report has not yet been received.

Dr. Morris Greenberg, New York City Department of Health, reports an outbreak of gastro-enteritis in a hospital. The illnesses were relatively mild in nature and of short duration. The suspected food was crab meat served as a salad for a noon meal. Of 368 persons eating the food, 239 became ill about 15 hours later. The crab meat was received from a local fish market which contracted for part of the shipment from a local distributing firm. The primary sources of this firm were companies in 2 southern States. A prior outbreak of 19 cases of gastro-enteritis attributed to crab meat distributed by the same local firm was given in this report for the week ended June 27, 1953.

Table 1. COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	TOTAL FOR WEEK ENDED		5-year median 1948-52	Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1947-48 through 1951-52	CUMULATIVE TOTAL FOR CALENDAR YEAR		5-year median 1948-52
	Sept. 19, 1953	Sept. 20, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	1	2	-	(2)	(2)	(2)	(2)	23	25	40
Botulism-----049.1	-	-	-	(2)	(2)	(2)	(2)	8	10	---
Brucellosis (undulant fever)-----044	32	56	---	(2)	(2)	(2)	(2)	1,301	1,583	---
Diphtheria-----055	47	94	100	July 1	406	489	872	1,438	1,870	3,881
Encephalitis, acute infectious---082	31	46	24	(2)	(2)	(2)	(2)	801	1,498	655
Hepatitis, infectious, and serum---092,N998.5 pt.	611	371	---	(2)	(2)	(2)	(2)	323,202	11,400	---
Malaria-----110-117	35	165	---	(2)	(2)	(2)	(2)	1,129	6,650	---
Measles-----085	763	579	579	Sept. 1	2,298	1,933	1,933	412,976	643,161	552,938
Meningococcal infections-----057	48	45	46	Sept. 1	152	141	135	43,917	3,650	2,799
Poliomyelitis, acute-----080	2,158	4,179	2,146	Apr. 1	23,101	34,247	17,802	24,615	35,440	18,964
Rabies in man-----094	62	-	---	(2)	(2)	(2)	(2)	8	13	---
Rocky Mountain spotted fever---104A	6	7	10	(2)	(2)	(2)	(2)	263	289	407
Scarlet fever and streptococcal sore throat-----050,051	915	796	404	Aug. 1	6,279	5,382	1,949	105,886	81,247	57,153
Smallpox-----084	-	-	-	(2)	(2)	(2)	(2)	716	13	26
Trichiniasis-----128	4	12	---	(2)	(2)	(2)	(2)	296	264	---
Tularemia-----059	14	15	15	(2)	(2)	(2)	(2)	401	479	708
Typhoid fever-----040	68	65	65	Apr. 1	1,378	1,463	1,463	1,661	1,844	1,844
Typhus fever, endemic-----101	5	4	---	Apr. 1	149	99	---	187	126	---
Whooping cough-----056	856	738	1,082	Oct. 1	34,103	50,195	74,402	25,576	35,080	51,215
Rabies in animals-----	127	107	---	(2)	(2)	(2)	(2)	5,423	5,860	---

¹Reported in Massachusetts.

²Not computed.

³Addition: Pennsylvania, 58 cases not allocated to specific weeks.

⁴Addition: West Virginia, week ended September 12, 1 case.

⁵Addition: Arizona, week ended September 12, 14 cases.

⁶Indiana and Texas, 1 case each.

⁷Deduction: Idaho, week ended September 12, 3 cases.

NOTE.—Psittacosis: Georgia, 4 cases.

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding

Saturday. When the diseases which rarely occur (cholera, dengue, plague, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease stated not notifiable; parentheses, [()]: data not included in total; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED SEPTEMBER 19, 1953

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	DIPHTHERIA (055)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)	
	37th week		37th week		37th week		37th week		37th week		37th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	47	94	611	371	763	579	48	45	2,158	4,179	915	796
NEW ENGLAND-----	-	-	37	14	26	26	2	3	133	87	24	37
Maine-----	-	-	8	5	11	1	-	1	26	9	5	2
New Hampshire-----	-	-	1	-	-	2	-	-	1	4	-	4
Vermont-----	-	-	2	-	2	2	-	-	8	3	1	1
Massachusetts-----	-	-	19	8	6	19	2	2	47	35	15	19
Rhode Island-----	-	-	-	-	-	-	-	-	28	9	-	1
Connecticut-----	-	-	7	1	7	2	-	-	23	27	3	10
MIDDLE ATLANTIC-----	1	4	123	26	71	69	5	10	405	387	22	42
New York-----	-	2	95	21	41	36	3	4	236	177	8	23
New Jersey-----	-	-	7	-	10	18	-	2	55	58	9	14
Pennsylvania-----	1	2	21	5	20	15	2	4	114	152	5	5
EAST NORTH CENTRAL-----	1	6	44	16	129	122	9	7	579	1,342	45	96
Ohio-----	-	-	13	-	11	26	1	-	198	283	-	31
Indiana-----	1	-	9	8	7	2	2	-	53	152	5	5
Illinois-----	-	-	9	4	32	7	1	2	139	424	18	20
Michigan-----	-	6	8	1	39	33	5	4	142	260	11	28
Wisconsin-----	-	-	5	3	40	54	-	1	47	223	11	12
WEST NORTH CENTRAL-----	-	4	65	25	31	29	4	4	338	1,172	25	22
Minnesota-----	-	3	7	1	2	6	1	4	179	388	16	6
Iowa-----	-	-	139	4	4	5	1	-	41	202	2	5
Missouri-----	-	-	6	4	6	3	1	-	51	85	-	5
North Dakota-----	-	-	2	-	11	5	-	-	14	21	2	-
South Dakota-----	-	1	1	2	1	6	1	-	10	87	2	1
Nebraska-----	-	-	2	12	1	-	-	-	8	209	1	2
Kansas-----	-	-	8	2	6	4	-	-	35	180	2	3
SOUTH ATLANTIC-----	17	24	112	73	59	18	11	6	211	222	95	99
Delaware-----	-	-	3	-	1	1	-	-	3	7	2	2
Maryland-----	-	-	13	2	13	2	-	2	43	19	3	7
District of Columbia-----	-	-	1	-	1	-	-	1	3	8	2	3
Virginia-----	1	3	63	13	18	9	4	2	36	47	40	46
West Virginia-----	-	-	4	3	3	2	1	-	29	42	15	9
North Carolina-----	1	7	17	10	4	2	4	-	30	27	16	21
South Carolina-----	2	3	-	1	1	-	-	-	6	13	5	1
Georgia-----	8	11	8	35	13	1	1	-	21	29	3	2
Florida-----	5	-	3	9	5	1	1	1	40	30	9	8
EAST SOUTH CENTRAL-----	16	46	73	113	18	28	-	5	37	252	33	40
Kentucky-----	2	4	2	47	2	3	-	1	8	151	5	9
Tennessee-----	2	1	9	22	10	14	-	3	15	44	15	19
Alabama-----	8	38	12	32	4	5	-	-	11	48	7	10
Mississippi-----	4	3	50	12	2	6	-	1	3	39	6	2
WEST SOUTH CENTRAL-----	8	5	43	23	226	61	9	3	119	256	584	285
Arkansas-----	-	1	5	9	3	2	1	-	16	19	43	23
Louisiana-----	-	-	-	-	11	-	-	-	10	33	-	1
Oklahoma-----	3	1	2	-	4	1	1	-	21	87	7	4
Texas-----	5	3	36	14	208	58	7	3	72	117	534	257
MOUNTAIN-----	-	2	17	4	42	69	3	3	74	150	28	105
Montana-----	-	-	2	-	4	21	1	-	25	15	-	3
Idaho-----	-	1	3	-	11	5	1	-	4	16	7	6
Wyoming-----	-	-	-	-	1	7	-	-	3	10	-	-
Colorado-----	-	-	5	-	12	13	-	-	9	53	4	4
New Mexico-----	-	-	-	-	2	1	1	1	8	25	3	3
Arizona-----	-	-	2	1	1	6	-	2	11	16	2	84
Utah-----	-	1	5	3	9	16	-	-	11	15	12	4
Nevada-----	-	-	-	-	2	-	-	-	3	-	-	1
PACIFIC-----	4	3	97	77	161	157	5	4	262	311	59	70
Washington-----	-	1	31	1	29	54	-	-	38	88	12	21
Oregon-----	3	-	30	13	11	16	1	1	19	27	6	9
California-----	1	2	36	63	121	87	4	3	205	196	41	40
Alaska-----	(-)	(-)	(-)	(-)	(52)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii-----	(-)	(-)	(-)	(6)	(1)	(-)	(-)	(1)	(-)	(2)	(-)	(-)
Puerto Rico-----	(13)	(5)	(1)	(-)	(11)	(28)	(-)	(-)	(-)	(-)	(-)	(-)

¹Includes 22 delayed cases.

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	TYPHOID FEVER (040)		WHOOPING COUGH (056)		Brucellosis (un- dulant fever) (044)	Encephalitis, acute infec- tious (082)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	37th week		37th week									
	1953	1952	1953	1952								
UNITED STATES-----	68	65	856	738	32	31	35	6	4	14	5	127
NEW ENGLAND-----	2	1	85	40	2	-	2	-	1	-	-	-
Maine-----	-	-	6	1	-	-	1	-	-	-	-	-
New Hampshire-----	-	-	2	4	-	-	-	-	1	-	-	-
Vermont-----	-	-	7	7	-	-	-	-	-	-	-	-
Massachusetts-----	1	-	41	20	-	-	1	-	-	-	-	-
Rhode Island-----	-	-	6	-	-	-	-	-	-	-	-	-
Connecticut-----	1	1	23	8	2	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	6	6	268	181	1	5	2	1	1	-	-	11
New York-----	3	3	166	64	-	5	1	1	-	-	-	10
New Jersey-----	-	-	59	37	-	-	1	-	1	-	-	-
Pennsylvania-----	3	3	43	80	1	-	-	-	-	-	-	1
EAST NORTH CENTRAL-----	2	6	232	139	5	4	-	-	-	-	-	21
Ohio-----	-	-	53	24	-	1	-	-	-	-	-	1
Indiana-----	-	1	26	18	-	-	-	-	-	-	-	13
Illinois-----	1	2	26	23	4	1	-	-	-	-	-	7
Michigan-----	1	-	104	52	-	1	-	-	-	-	-	-
Wisconsin-----	-	3	23	22	1	1	-	-	-	-	-	-
WEST NORTH CENTRAL-----	4	1	19	30	14	18	3	-	-	-	-	9
Minnesota-----	-	-	6	4	3	-	2	-	-	-	-	3
Iowa-----	2	-	5	6	7	-	-	-	-	-	-	2
Missouri-----	2	-	1	3	-	-	1	-	-	-	-	2
North Dakota-----	-	-	-	-	-	12	-	-	-	-	-	-
South Dakota-----	-	-	-	8	2	1	-	-	-	-	-	-
Nebraska-----	-	-	1	-	-	4	-	-	-	-	-	2
Kansas-----	-	1	6	9	2	1	-	-	-	-	-	-
SOUTH ATLANTIC-----	10	14	38	60	3	2	14	3	-	1	4	29
Delaware-----	-	-	-	1	-	-	-	-	-	-	-	-
Maryland-----	-	-	10	3	-	-	-	1	-	-	-	-
District of Columbia-----	1	-	2	1	-	-	-	-	-	-	-	-
Virginia-----	3	1	3	11	1	2	1	1	-	-	-	3
West Virginia-----	1	-	4	11	1	-	1	-	-	-	-	15
North Carolina-----	-	2	7	30	-	-	-	1	-	-	-	2
South Carolina-----	3	8	5	-	-	-	4	-	-	-	-	6
Georgia-----	1	1	1	2	-	-	7	-	-	1	3	3
Florida-----	1	2	6	1	1	-	1	-	-	-	1	-
EAST SOUTH CENTRAL-----	17	15	41	15	1	-	3	2	-	1	-	27
Kentucky-----	4	5	24	1	-	-	1	-	-	-	-	7
Tennessee-----	9	4	14	4	1	-	-	2	-	1	-	7
Alabama-----	1	1	2	7	-	-	-	-	*	-	-	6
Mississippi-----	3	5	1	3	-	-	2	-	-	-	-	7
WEST SOUTH CENTRAL-----	15	14	85	85	5	1	-	-	-	2	1	25
Arkansas-----	5	5	9	2	1	-	-	-	-	1	-	2
Louisiana-----	3	2	6	1	2	-	-	-	-	-	-	-
Oklahoma-----	1	3	6	2	-	-	-	-	-	1	-	1
Texas-----	6	4	64	80	2	1	-	-	-	-	1	22
MOUNTAIN-----	9	5	34	46	-	1	1	-	-	7	-	1
Montana-----	-	1	6	-	-	-	-	-	-	-	-	-
Idaho-----	1	1	11	-	-	-	-	-	-	1	-	-
Wyoming-----	1	-	-	-	-	-	-	-	-	2	-	-
Colorado-----	2	-	1	10	-	-	-	-	-	-	-	-
New Mexico-----	5	2	9	12	-	-	-	-	-	-	-	1
Arizona-----	-	1	-	21	-	1	-	-	-	-	-	-
Utah-----	-	-	7	3	-	-	1	-	-	4	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	3	54	142	1	-	10	-	2	3	-	4
Washington-----	-	-	17	8	-	-	2	-	-	-	-	-
Oregon-----	1	1	8	2	-	-	-	-	-	3	-	1
California-----	2	2	29	132	1	-	8	-	2	-	-	3
Alaska-----	(-)	(-)	(-)	(3)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii-----	(1)	(-)	(1)	(3)	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(-)
Puerto Rico-----	(-)	(-)	(25)	(7)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)

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Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
SEPTEMBER 19, 1953

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

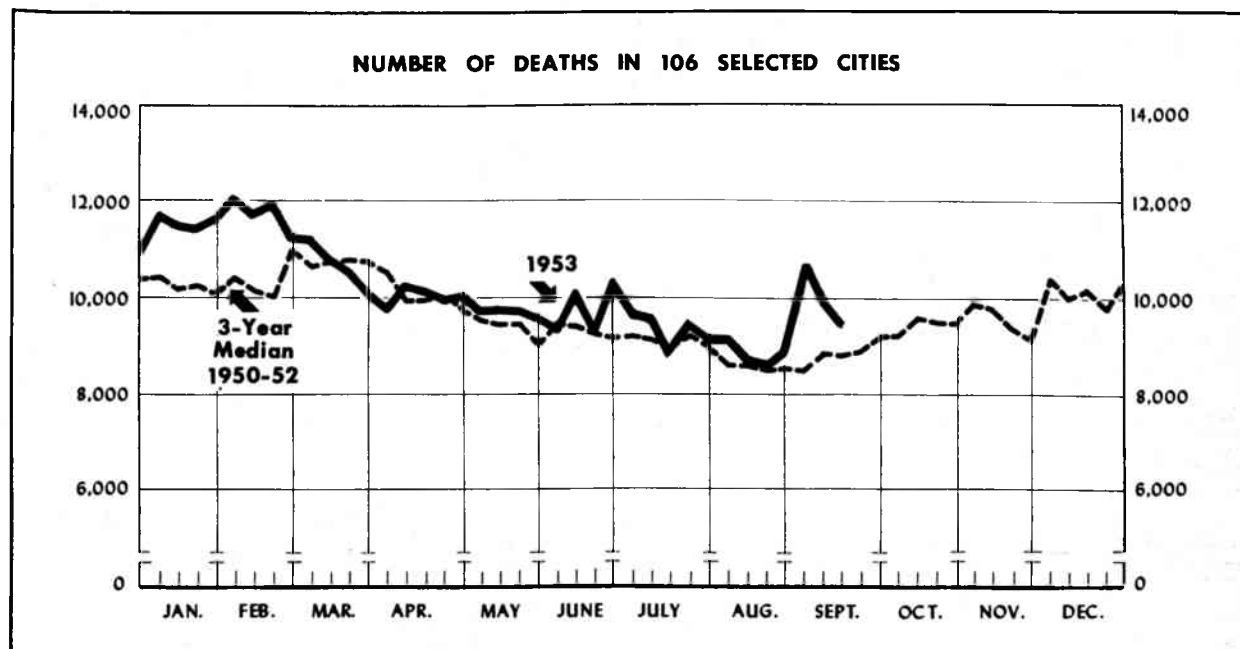
AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (082, NS98.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
NEW ENGLAND															
Boston-----	-	-	-	6	2	2	13	-	3	-	-	-	-	7	-
Bridgeport-----	-	-	-	2	-	-	1	-	-	-	-	-	-	3	-
Cambridge-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fall River-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hartford-----	-	-	-	1	-	-	1	-	-	-	-	-	-	5	-
Lowell-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
Lynn-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
New Bedford-----	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-
New Haven-----	-	-	-	-	-	-	2	-	1	-	-	-	-	1	-
Portland, Me.-----	-	-	-	-	-	-	1	-	1	-	-	-	-	2	-
Providence-----	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-
Somerville-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Springfield, Mass.-----	-	-	-	-	-	-	2	-	1	-	-	-	-	1	-
Waterbury-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Worcester-----	-	-	-	3	-	-	3	-	-	-	-	-	-	1	-
MIDDLE ATLANTIC															
Albany-----	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
Buffalo-----	-	-	-	3	4	-	15	-	1	-	-	-	-	5	-
Camden-----	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Elizabeth-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erie-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jersey City-----	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-
Newark, N. J.-----	-	-	-	-	2	-	2	-	3	-	-	-	-	8	-
New York City-----	-	-	5	7	20	3	71	-	1	-	-	3	-	101	-
Paterson-----	-	-	-	-	1	-	-	-	1	-	-	-	-	5	-
Philadelphia-----	-	-	-	9	2	1	8	-	3	-	-	-	-	21	-
Pittsburgh-----	-	-	1	-	1	-	38	-	-	-	-	1	-	6	-
Reading-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rochester, N. Y.-----	-	-	-	1	-	-	15	-	1	-	-	-	-	1	-
Schenectady-----	-	-	-	-	-	-	-	-	1	-	-	-	-	5	-
Syracuse-----	-	-	7	-	-	-	3	-	-	-	-	-	-	4	-
Trenton-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utica-----	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Yonkers-----	-	-	-	-	1	-	-	-	-	-	-	-	-	4	-
EAST NORTH CENTRAL															
Akron-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canton-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Chicago-----	-	-	-	1	12	1	29	-	7	-	-	-	-	11	-
Cincinnati-----	-	-	-	3	1	-	4	-	-	-	-	-	-	4	-
Cleveland-----	-	-	1	-	2	-	38	-	7	-	-	-	-	38	-
Columbus-----	-	-	-	1	3	-	11	-	-	-	-	-	-	3	-
Dayton-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Detroit-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Evansville-----	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Flint-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Fort Wayne-----	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-
Grand Rapids-----	-	-	-	-	-	-	3	-	2	-	-	-	-	-	-
Indianapolis-----	-	-	-	-	2	1	-	-	1	-	-	-	-	22	-
Milwaukee-----	-	-	-	-	12	-	8	-	5	-	-	-	-	13	13
Peoria-----	-	-	-	1	-	-	16	-	-	-	-	-	-	7	-
South Bend-----	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-
Toledo-----	-	-	-	2	3	-	21	-	-	-	-	-	-	2	-
Youngstown-----	-	-	-	-	-	-	3	-	1	-	-	-	-	1	-
WEST NORTH CENTRAL															
Des Moines-----	-	-	-	1	-	-	5	-	-	-	-	-	-	-	-
Duluth-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
Kansas City, Kans.-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kansas City, Mo.-----	-	-	-	-	1	-	3	-	1	-	-	-	-	-	-
Minneapolis-----	-	-	-	1	1	1	26	-	11	-	-	-	-	-	-
Omaha-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Louis-----	-	-	-	-	1	-	18	-	-	-	-	-	-	-	-
St. Paul-----	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-
Wichita-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-

**Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
SEPTEMBER 19, 1953—Continued**

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, NS98.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
SOUTH ATLANTIC															
Atlanta-----	6	.	2	.	.	.	.	.	.
Baltimore-----	.	.	.	1	10	.	8	.	.	.	.	.	.	.	6
Charleston, S. C.-----	1	.	.	.
Charleston, W. Va.-----	2	.	.	.	.	.	.	.	.
Charlotte-----	1	.	.	.	.	.	.	.	.	2	.
Miami-----	.	.	.	1	.	.	3	.	.	.	.	.	.	1	.
Norfolk-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Richmond-----	.	.	.	5	.	.	1	.	.	.	.	.	.	1	.
Savannah-----
Tampa-----	.	1	.	.	2	.	8	.	1	.	.	.	.	.	.
Washington, D. C.-----	.	.	.	1	1	.	3	.	2	.	.	1	.	2	.
Wilmington, Del.-----	.	.	.	1	.	.	3	.	.	.	.	.	.	.	.
EAST SOUTH CENTRAL															
Birmingham-----	.	.	.	2	.	.	3	.	3	.	.	.	.	.	.
Chattanooga-----	.	.	.	1	.	.	1	.	.	.	.	.	1	.	.
Knoxville-----
Louisville-----	2	.	3	.	2	.	.	2	.	.	.
Memphis-----	.	.	.	2	1	.	2	.	.	.	.	2	.	1	.
Mobile-----	.	1	.	.	.	.	.	.	4	.	.	.	.	1	.
Montgomery-----	.	1	.	1	.	.	4	.	.	.	.	.	.	.	.
Nashville-----
WEST SOUTH CENTRAL															
Dallas-----	.	.	.	5	.	1	1	.	1	.	.	.	.	.	.
El Paso-----	3	.	1	.	2	.	.	.	.	.	.
Fort Worth-----	1	1	.	1	.	.	.	.	.	.
Galveston-----
Houston-----	.	1	.	.	.	.	6	.	1	.	.	.	.	.	.
Little Rock-----
New Orleans-----	.	.	.	3	2	1	.	.	.	.	.	1	.	3	.
Oklahoma City-----	5	.	1	.	.	.	.	.	.
San Antonio-----	5	.	.	.	.	.	.	.	.
Shreveport-----	1	2	.	.	.	.	.	.	.	.
Tulsa-----	.	.	.	1	1	.	1	.	.	.	.	.	.	1	.
MOUNTAIN															
Albuquerque-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Boise City-----	1	.	.	.	.	.	.	.	.
Colorado Springs-----
Denver-----	1	4	.	1	.	.	.	.	.	.
Ogden-----
Phoenix-----	.	.	.	1	.	.	4	.	.	.	.	.	.	.	.
Pueblo-----	.	.	.	1	1	.	.	.	.	.	.	.	.	.	.
Salt Lake City-----	.	.	.	3	5	.	5	.	3	.	.	.	.	1	.
Tucson-----	---	---	---	---	---	---	---	---	---	---	---	---	---	4	---
PACIFIC															
Long Beach-----	1	.	7	.	.	.	.	.	.	.	2
Los Angeles-----	.	.	.	8	16	1	25	.	4	.	.	.	.	.	.
Oakland-----	3	.	1	.	.	.	.	.	.	.	.
Portland, Ore.-----	.	.	.	1	.	.	3	.	1	.	.	.	.	4	.
Sacramento-----	1	.	.	.	.	.	.	.	.	.	.
San Diego-----	19	.	14	.	2	.	.	.	.	.	.
San Francisco-----	.	.	.	2	16	.	5	.	.	2	.	.	.	1	.
Seattle-----	4	.	2	.	1	.	.	.	.	.	.
Spokane-----	.	.	.	5	.	.	2	.	2	.	.	.	.	1	.
Tacoma-----	4	.	.	.	.	.	.	.	.	.	.
Honolulu-----	2

Provisional Statistics for Deaths in Selected Cities for
Week Ended September 19, 1953



The chart shows the number of deaths reported for 106 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the three previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval

between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 4. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

GEOGRAPHIC DIVISION	37th week ended Sept. 19, 1953	36th week ended Sept. 12, 1953	37th week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 37 WEEKS		
					1953	1952	Percentage difference
TOTAL: 103 REPORTING CITIES-----	9,342	9,592	8,693	+7.5	371,189	359,745	+3.2
New England----- (14 cities)	558	597	623	-0.4	24,592	24,355	+1.0
Middle Atlantic----- (17 cities)	2,872	3,062	2,606	+0.2	111,389	109,013	+2.2
East North Central----- (18 cities)	2,100	2,335	1,998	+5.1	82,808	79,496	+4.2
West North Central----- (7 cities)	548	604	559	-2.0	25,110	25,569	+6.5
South Atlantic----- (9 cities)	672	776	660	+1.8	28,876	28,560	+1.1
East South Central----- (7 cities)	408	454	384	+6.3	16,598	15,711	+5.6
West South Central----- (13 cities)	705	653	666	+5.9	28,759	27,305	+5.3
Mountain----- (6 cities)	189	192	188	+0.5	7,897	7,362	+7.3
Pacific----- (12 cities)	1,290	919	1,153	+11.9	45,160	44,374	+1.8

Weekly Mortality Report

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED
SEPTEMBER 19, 1953

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	37th week ended Sept. 19, 1953	36th week ended Sept. 12, 1953	CUMULATIVE NUMBER FOR FIRST 37 WEEKS		CITY	37th week ended Sept. 19, 1953	36th week ended Sept. 12, 1953	CUMULATIVE NUMBER FOR FIRST 37 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	180	185	8,219	8,115	St. Paul-----	---	(59)	---	(2,215)
Bridgeport-----	22	37	1,240	1,280	Wichita-----	30	35	1,466	1,452
Cambridge-----	31	24	1,028	1,092	SOUTH ATLANTIC				
Fall River-----	28	21	1,033	987	Atlanta-----	93	90	3,855	3,663
Hartford-----	44	55	1,691	1,643	Baltimore-----	205	259	8,421	8,687
Lowell-----	28	23	939	908	Charlotte-----	26	22	1,051	1,041
Lynn-----	21	10	807	794	Miami-----	41	60	2,223	1,974
New Bedford-----	15	17	858	855	Norfolk-----	23	34	1,192	1,141
New Haven-----	33	48	1,594	1,573	Richmond-----	54	62	2,387	2,487
Providence-----	46	55	2,216	2,306	Tampa-----	63	35	1,963	1,989
Somerville-----	13	13	568	588	Washington, D. C.-----	141	168	6,553	6,395
Springfield, Mass.-----	31	33	1,431	1,376	Wilmington, Del.-----	26	46	1,231	1,183
Waterbury-----	17	24	952	871	EAST SOUTH CENTRAL				
Worcester-----	49	52	2,016	1,967	Birmingham-----	61	66	2,711	2,548
MIDDLE ATLANTIC					Chattanooga-----	32	63	1,714	1,648
Albany-----	39	58	1,665	1,527	Knoxville-----	34	51	1,218	1,198
Buffalo-----	136	153	5,279	5,011	Louisville-----	97	94	3,903	3,640
Camden-----	40	45	1,363	1,319	Memphis-----	112	100	3,971	3,558
Elizabeth-----	45	15	993	1,102	Mobile-----	31	30	1,163	1,139
Erie-----	33	37	1,262	1,213	Montgomery-----	(28)	(29)	(1,015)	(970)
Jersey City-----	64	55	2,546	2,655	Nashville-----	41	50	1,918	2,000
Newark, N. J.-----	119	148	3,911	3,856	WEST SOUTH CENTRAL				
New York City-----	1,414	1,570	58,566	57,392	Austin-----	23	27	951	850
Paterson-----	30	33	1,425	1,379	Baton Rouge-----	28	26	584	577
Philadelphia-----	519	496	17,833	17,442	Corpus Christi-----	14	17	636	602
Pittsburgh-----	156	175	6,311	6,328	Dallas-----	72	81	3,499	3,282
Rochester, N. Y.-----	93	91	3,494	3,327	El Paso-----	18	25	1,011	1,003
Schenectady-----	26	15	862	839	Fort Worth-----	58	51	2,141	1,968
Syracuse-----	66	68	2,011	1,911	Houston-----	128	97	4,607	4,261
Trenton-----	37	32	1,715	1,598	Little Rock-----	43	31	1,579	1,676
Utica-----	16	48	1,157	1,062	New Orleans-----	138	143	5,877	5,563
Yonkers-----	39	23	996	1,052	Oklahoma City-----	36	38	2,001	1,914
EAST NORTH CENTRAL					San Antonio-----	69	74	3,006	2,783
Akron-----	46	59	2,143	2,017	Shreveport-----	51	29	1,461	1,401
Canton-----	22	24	1,051	1,026	Tulsa-----	27	14	1,406	1,425
Chicago-----	621	797	27,515	26,397	MOUNTAIN				
Cincinnati-----	129	146	5,385	5,173	Albuquerque-----	---	(21)	---	(936)
Cleveland-----	248	202	7,603	7,564	Colorado Springs-----	18	11	500	475
Columbus-----	95	101	3,863	3,648	Denver-----	94	94	4,019	3,718
Dayton-----	39	61	2,279	2,186	Ogden-----	9	16	458	470
Detroit-----	318	346	11,702	11,261	Phoenix-----	15	30	847	766
Evansville-----	14	46	1,208	1,256	Pueblo-----	13	13	505	444
Flint-----	26	31	1,346	1,250	Salt Lake City-----	40	28	1,568	1,489
Fort Wayne-----	38	29	1,135	1,093	Tucson-----	(4)	(8)	(185)	(181)
Grand Rapids-----	34	46	1,442	1,334	PACIFIC				
Indianapolis-----	124	99	4,134	4,039	Berkeley-----	19	12	614	681
Milwaukee-----	137	116	4,552	4,356	Long Beach-----	47	39	1,721	1,672
Peoria-----	32	31	1,158	1,079	Los Angeles-----	533	269	16,280	15,729
South Bend-----	15	27	870	859	Oakland-----	83	80	3,457	3,520
Toledo-----	114	110	3,440	3,223	Pasadena-----	20	30	1,228	1,180
Youngstown-----	48	64	1,982	1,735	Portland, Oreg.-----	94	81	3,665	3,489
WEST NORTH CENTRAL					Sacramento-----	57	31	1,736	1,699
Des Moines-----	39	47	1,834	1,805	San Diego-----	65	56	2,587	2,594
Duluth-----	17	25	992	943	San Francisco-----	197	131	6,923	6,999
Kansas City, Kans.-----	(24)	(23)	---	(1,284)	Seattle-----	106	140	4,240	4,059
Kansas City, Mo.-----	81	103	4,580	4,103	Spokane-----	38	27	1,500	1,516
Minneapolis-----	106	122	4,703	4,189	Tacoma-----	31	23	1,209	1,236
Omaha-----	60	67	2,421	2,317	Honolulu-----	(29)	(35)	(1,168)	(1,204)
St. Louis-----	215	205	9,114	8,760					

Symbols.—parentheses [()]: data not included in table 4; 3 dashes [---]: data not available.